2001 BASELINE - REPRICING TO BRING MODELS FROM FY98 DOLLARS TO FY01 DOLLARS

SITE: 116-D-5
RA MODEL: Below Grade Structure (Medium)

ERC LABOR

IN BASELINE DATABASE		274	ERC MANUAL HOURS (HAMTC) FROM MCACES LABOR BACKUP PAGE 1
	+	702	ERC NON-MANUAL HOURS FROM MCACES LABOR BACKUP PAGE 1
		976	TOTAL ERC HOURS
SEE NOTE 1	$	57,319	ERC LABOR AT THE TIME THE MODELS WERE RUN @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER MCACES SUMMARY PAGE 2 (AB, NO MARKUP ITEMS)
	X	1.1892	DD FACTOR (1998 DD AT THE TIME THE MODELS WERE RUN)
	X	1.0404	G&A FACTOR (1998 G&A AT THE TIME THE MODELS WERE RUN)
IN BASELINE DATABASE	$	**70,918**	**TOTAL ERC LABOR AT THE TIME THE MODELS WERE RUN @ 1998 DOLLARS (FULLY BURDENED)**
CALC BY BASELINE DATABASE			
	$	70,918	TOTAL ERC LABOR AT THE TIME THE MODELS WERE RUN @ 1998 DOLLARS (FULLY BURDENED)
	X	1.1463	LABOR FACTOR TO BRING 1998 LABOR DOLLARS TO 2001 LABOR DOLLARS (FULLY BURDENED)
	$	**81,293**	**TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)**

ERC EQUIPMENT / MATERIAL/UNIT

	$	-	ERC EQUIPMENT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER MCACES SUMMARY PAGE 2 (AB, NO MARKUP ITEMS)
	$	32	ERC MATERIAL @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER MCACES SUMMARY PAGE 2 (AB, NO MARKUP ITEMS)
	+ $	31,200	ERC UNIT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER MCACES SUMMARY PAGE 2 (AB, NO MARKUP ITEMS)
	$	31,232	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
IN BASELINE DATABASE	$	31,232	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
	X	1.076	ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
CALC BY BASELINE DATABASE	$	33,606	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	$	33,606	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X	1.208	DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X	1.037	G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	$	**42,098**	**TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)**

SUBCONTRACT

IN BASELINE DATABASE	$	91,238	ERC SUBCONTRACT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER MCACES SUMMARY PAGE 3 (S1 PRIME CONTRACTOR)
	X	1.076	ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
CALC BY BASELINE DATABASE	$	98,172	TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	$	98,172	TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X	1.208	DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X	1.037	G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	$	**122,980**	**TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)**

TOTAL

	$	81,293	TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)
	$	42,098	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)
	$	122,980	TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)
	$	**246,371**	**TOTAL (INCLUDES BURDENS)**
TYPICALLY CONTINGENCY IS NOT	$	246,371	TOTAL (INCLUDES BURDENS)
CALCULATED BY THE MODEL	+ $	58,143	CONTINGENCY @ 23.6% PER BHI CONTG. EVALUATION
BUT IS CALCULATED IN THE	$	**304,514**	**TOTAL (INCLUDES BURDENS AND CONTINGENCY)**
BASELINE DATABASE			

NOTES

1 THE APPLICATION OF DD AND G&A (BURDEN) IN THE BUILDUP OF THE ERC LABOR IS SLIGHTLY DIFFERENT THAN FOR MATERIAL, EQUIPMENT, UNIT, AND SUBCONTRACTS, AND OUR ESTIMATING TOOLS CANNOT HANDLE THE BURDEN DIFFERENTLY BETWEEN THE COST ELEMENTS, THEREFORE AN ESTIMATING WAGE IS USED IN THE CALCULATIONS. THE ESTIMATING WAGE RATE IS THE FULLY BURDENED WAGE RATE WITH THE BURDEN PERCENTAGES REMOVED FROM TOTAL (EST. WAGE=FULLY BURDEN WAGE/DD FACTOR,/G&A FACTOR). WHEN MCACES FACTORS IN DD AND G&A THE ERC LABOR COSTS ARE BROUGHT BACK UP TO THE REAL FULLY BURDEN LABOR COST. THE ONLY PROBLEM THEN IS MCACES DOES NOT SHOW FULLY BURDEN ERC LABOR (AB NO MARKUP ITEM) THEREFORE THE BASELINE DATABASE IMPORT SPREADSHEET IS USED TO FACTOR IN THE BURDEN (USED IN THE MODEL) BACK INTO THE ERC LABOR. WITH THE FULLY LOADED LABOR IN THE DATABASE IT IS ONLY A MATER OF APPLYING THE LABOR FACTOR TO BRING IT UP TO CURRENT RATES/PRICING LEVEL (EFFECTIVELY TAKES CARE OF CHANGES IN WAGE RATE, PAYROLL ADDS, OPERATING CENTER, CORPORATE ALLOCATION, DD, OVERHEADS, AND G&A).